	Application No.	Applicant(s)
	00/455 450	IGNEON ET AL
Notice of Allowability	09/455,152 Examiner	KWEON ET AL. Art Unit
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	A. Dexter Tugbang	3729
The MAILING DATE of this communication apper All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap or other appropriate communication GHTS. This application is subject to	plication. If not included n will be mailed in due course. THIS
1. This communication is responsive to <u>Amendment filed on 10/26/04</u> .		
2. The allowed claim(s) is/are <u>1-8,10-17 and 19-26</u> .		
3. The drawings filed on <u>06 December 1999</u> are accepted by the Examiner.		
 4. Acknowledgment is made of a claim for foreign priority uner a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 	been received.	
3. Copies of the certified copies of the priority documents have been received in this national stage application from the		
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" on noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be subministration (PTO-152) which give		
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the		
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT F		
Attachment(s)		
1. Notice of References Cited (PTO-892)	5. Notice of Informal P	atent Application (PTO-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary Paper No./Mail Dat	
3. Information Disclosure Statements (PTO-1449 or PTO/SB/0-Paper No./Mail Date		
4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	 8.	ent of Reasons for Allowance
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REASONS FOR ALLOWANCE

1. The restriction requirement in the Office Action dated 11/6/01 has been withdrawn.

Claim 20 has been rejoined with generic Claims 15 and 16 and fully examined for patentability.

2. The following is an examiner's statement of reasons for allowance.

Regarding Claim(s) 1, 14 and 15, the prior art does not teach all of the limitations of the claimed invention including forming a nozzle and jetting fluid chambers sequentially by using one nozzle plate; and subsequently separating the nozzle plate and the substrate after assembling the heat driving part, the membrane and the nozzle part sequentially.

Regarding Claim(s) 13, the prior art does not teach all of the limitations of the claimed invention including forming a nozzle through a lithography, forming a jetting fluid chamber on an area where the nozzle is formed by an anisotropic etching of the lithography, and subsequently separating the nozzle plate and the substrate after assembling the heat driving part, the membrane, and the nozzle part sequentially.

Regarding Claim(s) 21, the prior art does not teach all of the limitations of the claimed invention including forming a nozzle and jetting fluid chambers in the nozzle plate attached to the first substrate, and subsequently removing the first substrate from the nozzle plate subsequent to the attaching of the nozzle plate to the membrane.

Accordingly, Claims 1-8, 11-17 and 19-26 are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to A. Dexter Tugbang whose telephone number is 571-272-4570. The examiner can normally be reached on Monday - Friday 8:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Vo can be reached on 571-272-4690. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A. Dexter Tugbang Primary Examiner

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January 24, 2005